Achieve lower TCO for SAP landscapes in the cloud: Cloud economics, cost optimization and management

Elke Bregler & Hans Reutter
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SAP Applications At Microsoft – Business View

**HR**
- Shared SAP System ECC
  - Personnel Admin, Benefits, Org Mgt, Talent Mgt, Time Mgt, Payroll, Recruiting
- Electronic Recruiting EREC

**Finance**
- Accounting, Controlling, Treasury, Project Systems, Financial Svs, Real Estate, Corp Finance, In-House Cash, Rev Rec, Trade, Customs
- Shared SAP System RMCA
  - Hybris
  - High Volume Invoices & Receivables
- Governance, Risk and Control GRC
- Global Trade Screening GTS
- Business Planning & Consolidation BPC
- Revenue Recognition RAR
- Master Data Governance MDG
- Duet for CIM DUET
- Customer Finance Mgmt CFM

**SCM**
- Sales and Distribution, Materials Mgt, Logistics, Logistics Execution, Demand Planning, Event Mgt, Supply Network Planning
- Volume Licensing Bedrock
- Next Gen VL, OEM, Universal Store, Convergent Charging & Invoicing, Contract Accounting, Rating
- Business Chain Mgmt SCM
- SCM Care OER
- Integrated Business Planning IBP
- Sourcing & Dir. Network Ariba

**Commerce**
- Sales and Distribution, Finances
- Customer Project Mgmt CPM
- Services Billing CC
- Customer Finance Mgmt CFM
- IBM Services OER
- Expense Mgmt Concur

**Enterprise Services**
- Sales and Distribution, Finances
- Solution Manager SOLMAN
- Business Objects BOBJ/DS
- Adobe Document Services ADS
- XI/PI

**SAP Platform**
- Learning & Succession Success Factors
- Convergent Charging & Invoicing
- Contract Accounting
- Rating
- Customer Project Mgmt CPM
- Integrated Business Planning IBP
- Sourcing & Dir. Network Ariba
- Expense Mgmt Concur
Why Migrate To Azure?

Cost
• Right-sizing lowers up-front system cost
• Tight-sizing for close correlation of system sizes with service demands
• Ability to “snooze” systems during periods of non-use

Agility
• Enables quick creation of sand boxes & proof of concept systems
• Allows on-demand infrastructure

Reliability
• Azure has better availability and reliability over on-premise

Security
• More certifications than any other provider
• Commercial strength security

“Walking the Walk”
Azure Sizing Strategies and Principles

Strategies

• Start with SAP Quick Sizer to determine initial systems
• Use reference sizing
• POC with stress testing

Principles

• Many load spikes are predictable
• Size for the present, especially application servers are easy to adjust
• Determine sizing horizon
• Infrastructure on demand
• Determine region strategy
SAP Azure Cost Optimization

Pre Deployment:

• Aggressive right-sizing – you can always adjust up later
• System rationalization – now is the time to retire systems
• Database compression and archiving – saves money and shortens deployment time

Post Deployment:

• Tight-sizing – adjusting # of application servers based on demand
• Aggressive snoozing – especially for sandboxes, dev and test systems
• Monitor costs and usage levels
• Get creative!
# Microsoft SAP Landscape – June 2018

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ZZZ = Snoozed
Other Savings

• Rationalize POC and test systems – build them on demand instead of permanent additions to your SAP landscape
• Snooze systems aggressively – during weeknights, on weekends, on holidays
• Disaster Recovery – on demand or snoozed or re-used servers
• Compress – trade huge storage savings for a few CPU cycles (easy to size up via Azure)
• Archive – use cheaper storage options for long-term data storage
• Get Creative!!